

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1255112

Luminaire Tested: P3AS17R409035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255112
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

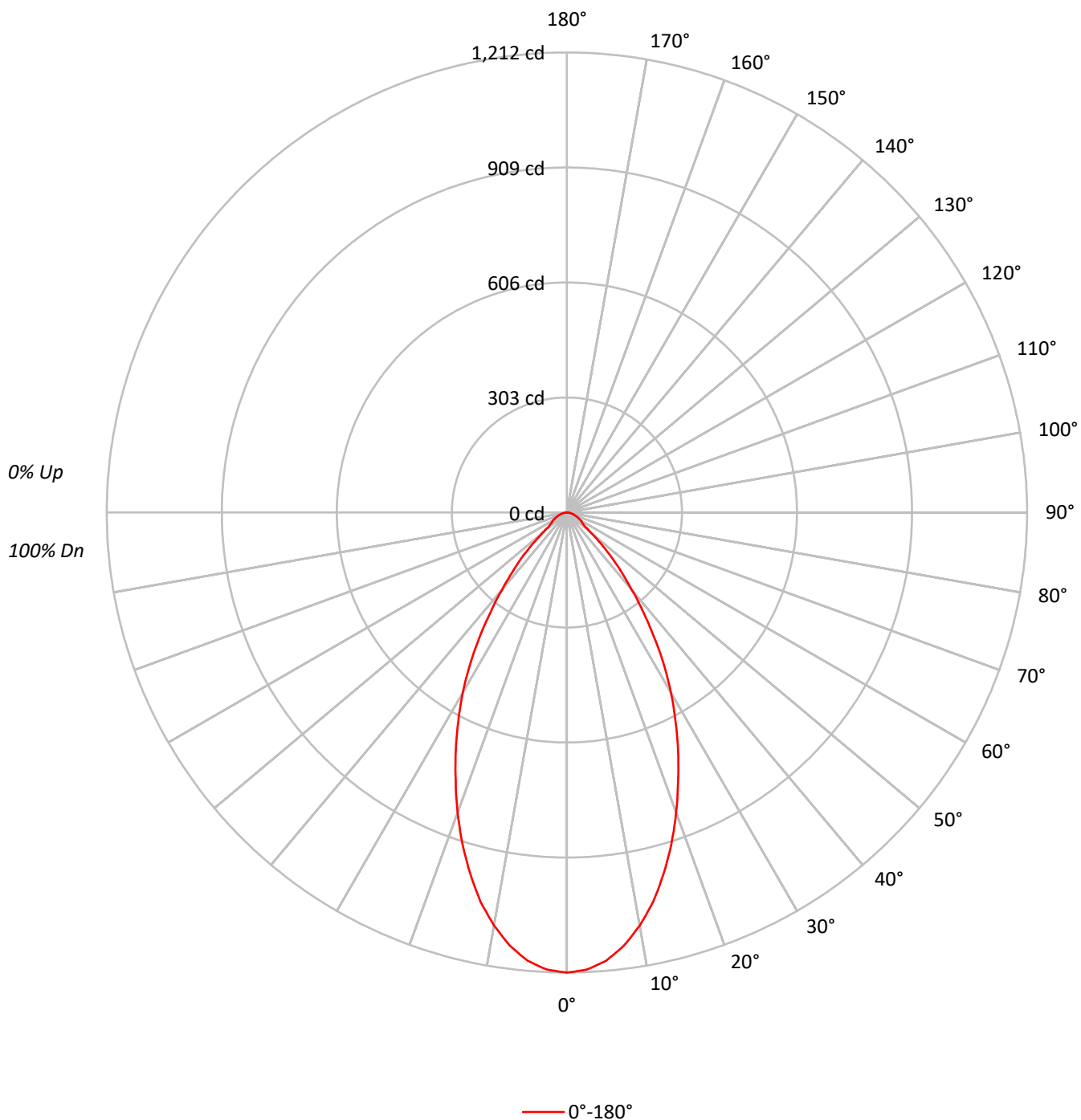
Lumens per Lamp: N/A
Luminaire Lumens: 1184.0 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	265790
5°	260972
10°	245999
15°	223429
20°	196297
25°	167623
30°	138857
35°	107077
40°	76229
45°	51354
50°	28008
55°	19765
60°	18595
65°	17174
70°	15259
75°	14572
80°	11744
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51354 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.6	9.3
10°-20°	274.2	23.2
20°-30°	316.9	26.8
30°-40°	249.8	21.1
40°-50°	128.2	10.8
50°-60°	49.0	4.1
60°-70°	32.4	2.7
70°-80°	17.6	1.5
80°-90°	5.2	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	701.7	59.3
0°-40°	951.5	80.4
0°-60°	1128.7	95.3
0°-90°	1184.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1184.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1212	
5°	1186	111
15°	984	274
25°	693	317
35°	400	250
45°	166	128
55°	52	49
65°	33	32
75°	17	18
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1212.1
2.5°	1205.4
5°	1185.6
7.5°	1151.1
10°	1104.8
12.5°	1050.5
15°	984.2
17.5°	915.3
20°	841.2
22.5°	765.7
25°	692.8
27.5°	619.9
30°	548.4
32.5°	475.6
35°	400.0
37.5°	329.8
40°	266.3
42.5°	211.9
45°	165.6
47.5°	120.5
50°	82.1
52.5°	59.6
55°	51.7
57.5°	46.4
60°	42.4
62.5°	37.1
65°	33.1
67.5°	27.8
70°	23.8
72.5°	19.9
75°	17.2
77.5°	13.2
80°	9.3
82.5°	7.9
85°	4.0
87.5°	2.6
90°	0.0

(END OF REPORT)